

Product datasheet for TP322663M

SP5 (NM_001003845) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human Sp5 transcription factor (SP5), 100 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC222663 representing NM_001003845
Red=Cloning site Green=Tags(s)

MAAVAVLRNDSLQAFLLQDRTPSASPDLGKHSPLALLAATCSRIGQPGAAAPPDFLQVPYDPALGSPSRLF
 HPWTADMPAHSPGALPPPSPSLGLTPQKTHLQPSFGAAHELPLTPPADPSYPYEFSPVKMLPSSMAALPA
 SCAPAYVPYAAQAALPPGYSNLLPPPPPPPPPTCRQLSPNPAPDDLPPWSIPQAGAGPGASGVPGSGLS
 GACAGAPHAPRFPASAAAAAAAAAALQRGLVLGSPDFAQYQSQIAALLQTKAPLAATARRCRRRCPCNCQ
 AAGGAPEAEPGKKKQHVCHVPGCGKVYGKTSHLKAHLRWHTGERPFVCNWLFCGKSFTRSDELQRHLRTH
 TGEKRFACPECGKRFMRSDHLAKHVKTHQNKKLVAEAGVKREDARDL

TRTRPLEQKLISEEDLAANDILDYKDDDDDKV

Tag: C-Myc/DDK
Predicted MW: 41.8 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage: Store at -80°C.
Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq: [NP_001003845](#)
Locus ID: 389058



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UniProt ID: [Q6BEB4](#)

RefSeq Size: 1941

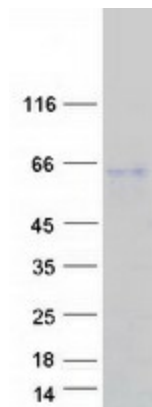
Cytogenetics: 2q31.1

RefSeq ORF: 1194

Summary: Binds to GC boxes promoters elements. Probable transcriptional activator that has a role in the coordination of changes in transcription required to generate pattern in the developing embryo (By similarity).[UniProtKB/Swiss-Prot Function]

Protein Families: Transcription Factors

Product images:



Coomassie blue staining of purified SP5 protein (Cat# [TP322663]). The protein was produced from HEK293T cells transfected with SP5 cDNA clone (Cat# [RC222663]) using MegaTran 2.0 (Cat# [TT210002]).